

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

[Nkx2-1^{tm1Jaw}/Nkx2-1^{tm1Jaw}](#)

RRID:MGI:2677493

Type: Organism

Proper Citation

RRID:MGI:2677493

Organism Information

URL:

Proper Citation: RRID:MGI:2677493

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal pulmonary alveolus epithelial cell morphology, abnormal mesenchymal cell differentiation involved in lung development, impaired branching involved in respiratory bronchiole morphogenesis, pulmonary hypoplasia, abnormal branching involved in lung morphogenesis, abnormal lung vasculature morphology, abnormal lung sacculle morphology, respiratory failure, abnormal pulmonary acinus morphology, neonatal lethality, complete penetrance, dilated respiratory conducting tubes

Affected Gene: Nkx2-1

Genomic Alteration: tm1Jaw

Catalog Number: 2677493

Background: involves: 129S2/SvPas * CD-1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12829717](#)

Organism Name: Nkx2-1^{tm1Jaw}/Nkx2-1^{tm1Jaw}

Record Creation Time: 20240120T190724+0000

Record Last Update: 20240130T202053+0000

Ratings and Alerts

No rating or validation information has been found for Nkx2-1^{tm1Jaw}/Nkx2-1^{tm1Jaw}.

No alerts have been found for Nkx2-1^{tm1Jaw}/Nkx2-1^{tm1Jaw}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.